

## CABLE TECHNICAL DATA SHEET



### AL10622 cable for alarm systems

#### Description

Cable 6X0.22 shielded with aluminium/polyester foil, PVC insulation and PVC jacket with rigid drain 0.5mm.

#### Use

Alarm systems, magnetic contacts and sensors.

#### Mechanical characteristics

##### Conductors

# Conduct.	Section	Material
6	7X0.160	Bare copper

##### Insulation

Material	Thickness	Diameter	Colors
PVC	>0.20mm	1.00mm	White-red-yellow-green-grey-orange

##### Shielding

Nr.	Type	Material	Coverage
1	Foil	Aluminium/Polyester	100%

##### Drainage

Section	Thickness	Material
5/10	0.50mm	Bare copper

##### Jacket

Material	Thickness	Diameter	Color
PVC	>0.60mm	4.40mm	White

Operating temperature -15°C + 80°C

Bending radius 12XØ

#### Electrical characteristics

Characteristic	Value
Capacitance cond./cond.	110 pF/mt
Capacitance cond./shield	215 pF/mt
Conductor resistance (DC)	110 Ohm/Km
Max operating voltage	< 100V
Max current	1.5 A/cond. @20°C
Test voltage (1min-50Hz)	1000V

#### Regulations conformity

CEI 20-11; CEI 20-29; CEI 20-20; CEI 20-22/III (IEC 60332); CEI 36762; EN 50575

#### Marking

eRaya Sicurezza "code+description" – C-4 (Uo=400V) – CEI UNEL 36762 – CPR Eca – "lot" – "meter"

#### Installation

Installation in conduits or cable trays indoor, together with electrical cables, CPR Classification: Eca.

Email: [info@eraya.it](mailto:info@eraya.it) – [www.eraya.it](http://www.eraya.it)

#### Codes/Models

<i>Code</i>	<i>Description</i>	<i>Packaging</i>	<i>Weight</i>
AL10622/100	6X0.22 Shielded	Reel 100 mt	28 Kg/Km
AL10622/200	6X0.22 Shielded	Reel 200 mt	28 Kg/Km
AL10622/500	6X0.22 Shielded	Drum 500 mt	30 Kg/Km

*Eraya Srl reserves the right to modify the technical characteristics, if necessary, without notification.*

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Operational Branch  
Eraya S.r.l.  
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Ancona, 05/05/2023



## Declaration of Performance (DoP) N. AL10622/2023

1. Unique identification code of the product:

AL10622/100 – AL10622/200 – AL10622/500

2. Type, batch or serial number or any other element allowing identification of the product as required under Article 11(4):

**Alarm cable PVC**

3. Intended use or uses of the construction product:

**Control and communication cables - Cables for general application in construction works subjected to reaction to fire requirements.**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5) :

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60027 Osimo (AN)**

5. Name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**ERAYA SRL**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

**AVPC: 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

**Standard: EN 50575:2014 + A1:2016  
Notified body: 0987 – LAPI SPA**

8. Declared performance:

Flame propagation: **ECA**

Dangerous substances: **NONE**

**Notified product certification body N. 0987 performed the determination of product type. This declaration of responsibility is issued, in accordance with Regulation UE No. 305/2011, under the sole responsibility of the manufacturer identified above.**

Signature:

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